

Aaron T. Buehne

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2000 Montpelier Place, Apt 110 Hampton, VA 23666

Education

- Old Dominion University, Norfolk, VA Graduation Date: May 2021
 - Master of Science in Computer Science
 - GPA: 3.82
 - Relevant Courses: Intro to Artificial Intelligence, Machine Learning, Intro to Data Science, Data Analytics and Big Data
- Virginia Commonwealth University, Richmond, VA Graduation Date: May 2019
 - Bachelor of Science in Computer Science
 - GPA: 3.5
 - Relevant Courses: Software Engineering Specification and Design, Mobile Programming - iOS

Computer Skills: Java, C++, Swift, SQL, Python, Perl, Javascript

Tools/Software Skills: Android Studio, Xcode, React Native, Vue

Academic Projects

Envera Chat Bot, Senior Design, VCU, Richmond, VA 08/18 - 04/19

- As a member of a three-person team, coded and consulted the creation of a telephone bot that can answer common questions and schedule doctor appointments using machine learning and AWS.

Mentorship and Internship Projects

- MITRE Internship 2020 - worked on a project to collect information from a pool of websites. Worked on the mechanism for the project to automatically login to websites that require user accounts and worked to bypass captcha systems in order to make the data collection process more automated.
- MITRE Internship 2019 - worked on a cross-platform prototype app using React Native and added test functionality such as qr code reading, offline database synchronization with a Microsoft Azure Database, and data encryption. Wrote documentation on the functionality added to give to the project team and sponsor.
- MITRE Mentorship 2018 - worked under a mentor to create an Android app that simulates an Android lock screen and records sensor data. Completed a machine learning python script that analyzes the sensor data using an SVM algorithm that decides whether the phone user was the owner of the phone or not

Activities/Organizations

- Science Fiction and Fantasy Club at VCU (Fall 2016 - Spring 2019)
 - Treasurer of a student run organization from 2017 - 2018

Work Experience

- MITRE: Software Application Development Engineer - August 2021 to present; 40 hours per week
- ODU Graduate Teaching Assistant - August 2019 to August 2021; 20 hours per week
- MITRE Graduate Intern - May 2019 to August 2019, May 2020 to August 2020; 40 hours per week
- Mentorship with MITRE - May 2018 to August 2018; 18 hours per week